

BOROUGH OF LOUGHBOROUGH

ANNUAL REPORT
on the work of the
HEALTH DEPARTMENT
for the Year 1972

R. CAUTLEY HOLDERNESS, M.B., B.S., D.P.H.
MEDICAL OFFICER OF HEALTH

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HEALTH & HOUSING COMMITTEE

(May 1972)

Chairman
Vice-Chairman
Councillor L.J.Bailey
Councillor G.W.H.Evans
Councillor A. MacDonald
Councillor Mrs.J.Menday

Councillor G.F.Caldwell
Councillor V.B.Wilson
Councillor M. Bennett
Councillor L.G.Duncan
Councillor D. Green
Councillor J.H.Abell
Councillor M.T.Jones

STAFF OF PUBLIC HEALTH DEPARTMENT

R. Cautley Holderness
Health Department,
Southfields, Loughborough
(Tel.No. Office: 63151
Home: 2467

M B., B.S., M.R.C.S., L.R.C.P., D.P.H.
Medical Officer of Health and
Divisional School Medical Officer.

W. A. Healey (retired
July 1972)

Chief Public Health Inspector.

H. Burrow (appointed
July 1972)

M.A.P.H.I., Chief Public Health Inspector
Cert.R.S.I. & S.I.E. Joint Board,
Cert.R.S.I. as Inspector of Meat and
Other Foods.

R. E. Lund

Housing Improvements Officer
Cert. P.H.I. Examination Board,
Dip.R.S.H. as Inspector of Meat and
Other Foods,
Dip. R.S.H. Smoke Inspection.

A. C. Barker

Additional Public Health Inspector,
Dip. P.H.I. Examination Board.

R. A. Fisk (appointed
November 1972)

Additional Public Health Inspector,
Dip. P.H.I. Examination Board.

J. H. Mark " "

Additional Public Health Inspector,
Dip. P.H.I. Examination Board.

W. F. Rock

Technical Assistant.

D. Langhan

Technical Assistant.

J. Hall (appointed
November 1972)

Technical Assistant.

K. W. Brewin

Chief Clerk.

Mrs. B. Bavester

Senior Clerk.

Miss M. Moore

Clerk.

G. Crossley

Pupil Public Health Inspector.

ANNUAL REPORT 1972

To the Mayor, Aldermen and Councillors
of the Borough of Loughborough

Your Worship, Mrs. Menday and Gentlemen,

I have the honour to present herewith my 36th Annual Report
on the Health of your Borough.

The number of deaths of infants under the age of one year was
16, giving an infant mortality rate of 23 compared with 15 in 1971.
The average for the five years up to and including 1972 was 17.3
compared with 16.6 for the five years up to and including 1971.
The provisional figure for England and Wales for 1972 was 17.0.
Of the 16 deaths mentioned above ten were due to causes operating
before birth, namely, congenital defects and prematurity.

12 cases of measles were notified compared with 40 in the
previous year. If the pattern of previous years had continued
one would have expected a considerably greater number of cases than
this, and it would appear that the measles vaccination programme is
having an effect. 9 cases of infective hepatitis occurred compared
with 34 in the previous year.

Heart disease, malignant disease and cerebrovascular disease,
in that order, were the major causes of death. Of the total of 490
deaths 366 were in persons over 65 years of age, and of these 233
were over 75 years of age.

Details of the work of the various sections of the Department are given in the body of the Report.

In November an additional Public Health Inspector and a Technical Assistant were appointed in order to cope with the increasing volume of work.

In July, Mr. W. A. Healey retired after 23 years' service with the Corporation as Chief Public Health Inspector and was succeeded by Mr. H. Burrow to whom I am indebted for much of the work of compiling this report.

In conclusion, I should like to thank the Health & Housing Committee for their support throughout the year and all members of the staff of the Health Department for their willing co-operation.

I am,

Your obedient Servant,

R. CAUTLEY HOLDERNESS.

GENERAL STATISTICS - 1972

Area	9211 acres
Resident Population (Reg. Gen. Estimate)	47,110
Population(Census 1961)	38,621
Number of inhabited houses according to Rate Books	15,379
Rateable Value (December 1972)	£2,425,141
Gross Product of 1p rate	£23,672

EXTRACTS FROM VITAL STATISTICS

Live Births - Number	708
- Rate per 1000 population	15.0
Provisional rate for England and Wales	14.8
Illegitimate live births (% of total live births)	8
Stillbirths - Number	7
- Rate per 1000 total live & stillbirths	10
Total live and stillbirths	715
Infant Deaths (deaths under 1 year)	16
Infant Mortality Rates	
Total infant deaths per 1000 total live births	23
Legitimate infant deaths per 1000 legitimate live births	22
Illegitimate infant deaths per 1000 illegitimate live births	33
Neonatal Mortality Rate (deaths under 4 weeks per 1000 total live births)	14
Early Neonatal Mortality Rate (deaths under 1 week per 1000 total live births)	13
Perinatal Mortality Rate (stillbirths and deaths under 1 week combined per 1000 total live and stillbirths)	22
Maternal Mortality (including abortion)	
Number of deaths	0
Rate per 1000 live and stillbirths	-
Death Rate per 1000 population (crude rate)	10.4
Local Adjusted Rate	11.1
Provisional death rate for England and Wales	12.1

REGISTRATION OF BIRTHS

The Registrar General's Returns give the number of births registered, modified by Inward and Outward Residence Transfers. These are classified as Live Births or Stillbirths, Legitimate or Illegitimate. The following table gives a comparison of the figures:

	Legitimate	Illegitimate
Live Births	Male 316 Female 332	Male 23 Female 37
Stillbirths	Male 3 Female 4	Male 0 Female 0
% Stillbirths of total	1.0	Nil

INFANT MORTALITY

The number of deaths of infants under the age of one year was 16 - 10 males and 6 females. This is 5 more than last year, giving an infant mortality rate of 23.0. The provisional rate for England and Wales was 17.0.

Infant Mortality for past 5 years

1968	14.7
1969	14.0
1970	20.0
1971	15.0
1972	23.0

Infant Deaths - 1972

Congenital Defects	7
Prematurity	3
Respiratory Infection	2
Other	4

Neo-natal Mortality

The neo-natal mortality rate is the number of deaths of infants under the age of 1 month per 1000 live births. Of the 16 infant deaths, 10 were under the age of 1 month, giving a rate of 14.0.

CHILD WELFARE

The following shows the Welfare Centre facilities available:

<u>Area served</u>	<u>Situation</u>	<u>Afternoons</u>
Central Area	Lemyngton St.	Tuesday and Thursday
Shelthorpe and Forest Road	Emmanuel Hall	Monday
Knightthorpe Estate	Hermitage Road Baptist Chapel	First and third Fridays
Hathern	Rectory Annexe	First and third Wednesdays

While the Centres are situated to be convenient to the different areas of the town, there is no restriction on attendance and a mother is free to choose which Centre she prefers.

National Dried Milk and vitamins are available to all the Centres, and a proprietary brand of dried milk and other vitamin preparations are sold by the voluntary workers who also provide valuable assistance with clerical work, making tea for the mothers and generally providing a welcoming atmosphere.

Attendances at Welfare Centres

	<u>1972</u>	<u>1971</u>
Children attending -		
(a) under 1 year	437	507
(b) 1 year	411	445
(c) 2 - 4 years	231	213
	<u>1079</u>	<u>1165</u>

First attendances under 1 year represent 62% of the corrected number of live births.

Attendances at Eye Clinic

	<u>1972</u>	<u>1971</u>
Children referred to Clinic	65	107
Children for whom spectacles were prescribed	23	50

NATIONAL ASSISTANCE ACT 1948

Section 47 - Removal to suitable premises of persons in need of care and attention.

Under this Section the Council is empowered to apply to a Court of Summary Jurisdiction for an order for the removal to a suitable place of a person who is suffering from grave chronic disease, or being aged, infirm or physically incapacitated, is living in insanitary conditions and is not receiving proper care and attention. A certificate that such action is necessary must be issued by the Medical Officer of Health.

Investigations were made into a few cases during the year and in one of these it was found necessary to take formal action for removal.

SANITARY CIRCUMSTANCES

SEWERAGE AND SEWAGE DISPOSAL

All but a few outlying properties are connected to the main drainage system, new extensions having been laid in private estate developments totalling 1499 yards. Details are as follows:-

Wimpey Development, Derby Road	266 yards - 12" sewer
" " " "	543 yards - 9" sewer
Jelsons Development, Thorpe Acre	198 yards - 9" sewer
Gough Cooper Development, Tuckers Road	492 yards - 9" sewer

The state of progress of new schemes of Sewerage and Sewage disposal is as follows:-

Sewage Disposal Works

1) Microstrainer/lab. - Stage III - Phase I

Work commenced on site. Completion expected September 1973.

Power Generation - Stage III - Phase II

Design being completed and tenders for machinery invited.

Headworks - Stage III - Phase III - Detailed design commenced.

" Stage III - remaining phases - preliminary plans prepared

2) Belton Road West sewer - contract being carried out - completion expected February 1973.

CONSERVANCY SYSTEM

Closest Accommodation at 31st December 1972

(1) Pail Closets - 6 (2) Water Closets - 26,501

WATER SUPPLY

The water supply in the Borough has been both satisfactory in quality and quantity during the year. The sources of supply of the treated water are subject to regular sampling and all results have been satisfactory. 46 samples of raw water and 95 of the treated water were found satisfactory on bacteriological examination. 23 samples examined chemically also proved satisfactory.

3982 yards of water mains of various sizes were laid during the year. Brief details of these extensions are given below:-

<u>Site</u>	<u>Yards</u>	<u>Size</u>
Thorpe Acre, Loughborough	88	3"
" " "	283	6"
Student Accommodation, Towles Field	295	4"
Town Centre Redevelopment	81	4"
Thorpe Acre, Loughborough Phase V	205	4"
Derby Road, Loughborough	1528	4"
" " "	198	6"
" " "	258	8"
Craggs Farm, Loughborough	266	4"
" " "	4	6"
Riker Laboratories, Wharncliffe Road	89	4"
Phase I, off Derby Road	194	4"
" " "	162	6"
Garendon Way, Loughborough	181	4"
Windsor Road "	114	6"
Fire Main, Town Centre	3	6"
Fire Main, College Upper School	12	3"
Fire Main, Rikers	21	3"

The work of laying a new 18" trunk main connecting to the River Dove Water Board Aqueduct at Dishley on the north side of Loughborough, connecting to a 12" and 10" ring main around the north and west side of Loughborough was commenced during the autumn. This work will be completed during the early spring of 1973 and should give a considerable general improvement to the supply position in Loughborough, particularly on the north and east sides.

The above information has been kindly supplied by Mr. J. A. Tyldesley, Chief Engineer, to the North West Leicestershire Water Board.

DISINFECTION AND DISINFESTATION

Forty-three premises (private 26, business and college premises 17) were treated against infestations by cockroaches, fleas, flies, bugs, beetles, etc.

Much appreciation has been accorded your Technical Assistant for destroying 186 wasps nests at private residences and business and college premises.

MILK

Registration and Licensing

There were 80 distributors (70 shops, 3 dairies and 7 roundsmen) registered at 31.12.72. In addition, three vending machines are located in the town.

ICE CREAM

There are no premises registered for the manufacture of ice cream but 155 premises are registered for its storage and sale.

MEAT AND FOOD INSPECTION

Food Complaints

There is a definite indication that people have become more pollution conscious since Conservation Year (1970) and the comparatively high number of complaints being made regarding environmental matters is notably reflected in food complaints. During the year 42 food complaints have been received and these have covered both food found to be unfit for human consumption, for example, by decomposition, in which category a conviction was obtained during the year against the proprietors of a local coffee bar, and food discovered to contain foreign bodies or substances in which category one such matter is also to be the subject of legal proceedings brought by the Borough Council during 1973. A number of complaints have also been received regarding the supply of milk in bottles found to be dirty internally. One of these incidents is also destined for legal proceedings in 1973.

MEAT AND FOOD INSPECTION (continued)

Food Complaints (continued)

A considerable amount of time is spent by Public Health Inspectors in investigating these complaints but it appears that, despite this greater strength of feeling about the purity of food-stuffs, the complaints received by the department are only representative of a portion of such reportable incidents. If food is found to be unsatisfactory in this manner someone somewhere must be at fault.

Housewives should, therefore, view the reporting of such matters to the department as a duty, not only to themselves but to others like them, rather than simply disposing of the article in question or returning it to the place of purchase.

In this age of advanced technology there is little excuse for the sale of unfit or contaminated foodstuffs, and we rely on the co-operation of the general public in this respect in order to enable us to ensure that the food industry maintains its generally high standard.

The following amount of foodstuffs was surrendered and disposed of at the Council's controlled refuse tip:-

Meat and Fish Products	1599 lbs. 7 ozs.
Vegetables and Fruits	1516 lbs.
Miscellaneous Foods	203 lbs. + 20 pints liquids
Dairy Products	488 lbs. + $3\frac{1}{2}$ galls. ice cream
Assorted Confectionery	(1273 lbs.
(the result of flood damage)	(56 cases
	(46 boxes

Food Hygiene (General) Regulations 1960 & 1970

This is a field in which it is impossible, due to the human element involved, to carry out too many inspections, and a variety of infringements of the regulations have been dealt with during the year as the result of the routine inspection of food premises, vehicles and stalls. It is pleasing to note that of the larger number of food stalls present at the November Fair only a few operators had to be approached regarding such matters, this no doubt being indicative of the high standard now being demanded throughout the country. However, some premises within the Borough are known to require continual surveillance in this respect.

Another facet of this aspect of the department's work is the examination of plans submitted to the Council in connection with the provision of new and the alteration of food premises. In this way we are able, by recommendation, to help proprietors to provide premises constructed in such a manner and equipped with such materials and equipment as to enable them to most readily comply with the requirements of the regulations, rather than requiring them after completion to alter finishes, fittings and layout, as is often the case in existing food premises, and which can result in comparatively more expense and greater inconvenience for proprietors. By this means food premises of a potentially higher hygienic standard can often result.

Slaughterhouse

467 day and evening visits have been made to the one licensed slaughterhouse by your Inspectors for the purpose of examining the dressed carcasses and offals, thereby ensuring a disease-free supply of meat in the shops.

Total Poundage of Condemned Meat: 11 cwts. 7 lbs.

Slaughterhouse (continued)

CARCASES EXAMINED AND CONDEMNED

	Cattle excl'dg cows	Cows	Calves	Sheep and Lambs	Pigs
Number slaughtered	710	19	6	3304	522
Number examined	710	19	6	3304	522
<u>All diseases except Tuberculosis</u>					
Whole carcasses condemned	-	-	1	2	1
Carcasses of which some part or organ was condemned	65	-	-	58	23
Percentage of number inspected affected with disease other than Tuberculosis	9.16	-	16.66	1.81	4.60
<u>Tuberculosis only</u>					
Whole carcasses condemned	-	-	-	-	-
Carcasses of which some part or organ was condemned	-	-	-	-	3
Percentage of number examined affected with Tuberculosis	-	-	-	-	0.57
<u>Cysticercosis</u>					
Carcasses of which some part or organ was condemned	-	-	-	-	-
Carcasses submitted to treatment by refrigeration	1	-	-	-	-
Generalised and totally condemned	-	-	-	-	-

Slaughterhouse (continued)

CARCASES AND ORGANS CONDEMNED

	Cattle	Cows	Calves	Sheep	Pigs
<u>Hearts</u>					
Abscesses	-	-	-	1	-
Pericarditis	-	-	-	-	1
Cyst. Bovis	1	-	-	-	-
<u>Livers</u>					
Multiple Abscesses	24	-	-	2	-
Distomatosis	21	-	-	22	-
Telengectiasis	2	-	-	-	-
Milk Spots	-	-	-	-	8
Cirrhosis	11	-	-	6	-
Fatty Infiltration	-	-	-	10	-
Bacillary Necrosis	-	-	-	1	-
<u>Lungs</u>					
Pneumonia	-	-	-	5	3
Septicaemia	1	-	-	-	-
Abscesses	3	-	-	2	-
Parasites	-	-	-	5	-
Pleurisy	-	-	-	1	1
<u>Heads</u>					
Abscesses	1	-	-	1	-
Injury	-	-	-	-	1
T.B.	-	-	-	-	3
<u>Tongue</u>					
Glossitis	1	-	-	-	-
<u>Part Carcasses</u>					
Arthritis	-	-	-	-	2
Injury	-	-	-	-	1
Abscesses	-	-	-	1	3
Rupture	-	-	-	1	-
<u>Whole Carcasses</u>					
Pyæmia	-	-	-	-	1
Malnutrition	-	-	1	-	-
Pneumonia, pleurisy, emaciation & oedema	-	-	-	1	-
Pyrexia, oedema & haematoma	-	-	-	1	-

NOISE ABATEMENT ACT 1960

Numerous complaints were received and were dealt with, in the main, by informal action. However, in one instance it was necessary to resort to formal action. Brief details of such complaints are as follows:-

Unmuffled concrete breakers(11)	Noisy neighbour
Compressors (2)	Noisy children
Machinery (3)	Noise from materials stored
Record-player/radios (4)	in works adjoining house.
Door slamming (1)	Noise from building on
	University campus.

Noise and vibration associated with some of these complaints has necessitated individualised procedures in which the details of each case have been systematically examined and remedial measures applied to the particular problem.

CARAVAN SITES & CONTROL OF DEVELOPMENT ACTS 1960 & 1968

There are 15 licensed caravan sites in the Borough varying from sites for a single caravan of which there are 5, to a site for 65 caravans. 41 visits and inspections were made to these sites. The following table indicates the classes and validity of licences:

SITES	NUMBER OF CARAVANS	DURATION OF LICENCE
5	1	1 expires 1973 4 unlimited
2	2	1 expires 1973 1 unlimited
1	3	unlimited
1	4	Reverted to 2 standings on 24.6.72; expires 1977.
2	6	1 expires 1975 1 unlimited
1	10	Unlimited
2	12	1 expires 1974 1 unlimited
1	65	Unlimited

CARAVAN SITES & CONTROL OF DEVELOPMENT ACTS 1960 & 1968 (contd.)

Land shall not be used as a caravan site for more than 28 days within a period of twelve months without a site licence.

There were two instances of illegal stationing of caravans on unauthorised sites. One was dealt with by informal action, the other is still pending.

REGULATED PREMISES

Pet Animals Act 1951

Six applications have been received during the year for a licence to keep a pet shop at specified premises under the above Act, which regulates the sale of pet animals and the condition under which they are kept for sale. Annual licences were granted in each case.

Clean Air Act 1956

Four applications for installation of furnaces and/or chimney height proposals were received during the year. One approval was given to chimney height proposal and one approval for the installation of furnaces.

Riding Establishments Acts 1964 & 1970

There are three premises licensed as riding establishments which are subject to annual veterinary inspection and local conditions incorporated in the licence.

Animal Boarding Establishments Act 1963

The Council licensed one person to keep a boarding establishment for cats and small pets (not dogs) under this Act, which is concerned with the safety and wellbeing of such animals boarded out. An inspection of the premises was carried out.

Game Act 1831, Local Government Act 1894

Nine licences to sell and/or deal in Game from specified premises were granted during the year.

Scrap Metal Dealers Act 1964

Seven licences, each operating for a period of three years and covering specified premises, were issued during the year, thus making a total on the register of 11 premises.

OFFICES, SHOPS AND RAILWAY PREMISES ACT 1963

The general requirements of the Act are directed to making provision for the safety, health and welfare of people employed in these premises, with the exception that premises where only self-employed persons work and certain close relatives of the employer are excluded from the provisions of the Act.

No. on Register	Inspections	Accidents reptd.	Contraventions		
			Found	Remedied	Outstandg 31.12.72
Offices 168	20	3	3	1	2
Retail Shops 265	113	8	13	8	5
Wholesale Shops and Warehouses 18	10	3	11	8	3
Catering Establish- ments and Canteens 46	12	-	2	1	1
Fuel Storage Depots 12	1	-	-	-	-

Notices outstanding 1.1.72	5
Notices served during year 1972	4
Notices complied with during year	4
Notices outstanding 31.12.72	5

The Act requires any accident which disables an employee for more than three days to be notified to the Local Authority. 14 such accidents were reported; all were of a minor nature and none was fatal.

HOUSING AND PUBLIC HEALTH ACTS

The following list indicates the areas and properties dealt with during the year under review:

Clearance Areas, Demolition and Closing Orders made in 1972

Clearance Orders and Compulsory Purchase Orders

80, 82 Freehold Street (C.P.O.)..... 2 houses

Demolition Orders Nil

Closing Orders

134, 136 Moira Street 2 houses

2 Moor Lane 1 house

3 Sparrow Hill 1 house

1. Inspection of Dwellinghouses during the Year

1.(a) Total number of dwellinghouses inspected for housing defects (under Public Health or Housing Acts) 907

(b) Number of inspections made for the purpose 1747

2.(a) Number of houses (included under sub-head 1 above) which were inspected and recorded under the Housing Consolidated Regulations 1925 and 1932 6

(b) Number of inspections made for the purpose 18

3. Number of dwellinghouses found to be in a state so dangerous or injurious to health as to be unfit for human habitation 6

4. Number of dwellinghouses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation 901

2. Remedy of Defects during the Year without service of Formal Notice

Number of defective dwellinghouses rendered fit in consequence of informal action by the Local Authority or their Officers 867

HOUSING AND PUBLIC HEALTH ACTS (continued)

3. Action under Statutory Powers during the Year

- (a) Proceedings under Sections 9,10,16 of the Housing Act 1957:
- | | |
|---|-----------------|
| 1) Number of dwellinghouses in respect of which notices were served requiring repairs | 3 (incl. 1 B/F) |
| 2) Number of dwellinghouses which were rendered fit after service of formal notices: | |
| (a) by owners | 2 |
| (b) by Local Authority in default of owners | 2 |
- (b) Proceedings under the Public Health Acts:
- | | |
|---|----|
| Number of dwellinghouses in which defects were remedied after service of formal notices | |
| (a) by owners | 18 |
| (b) by Local Authority in default of owners | 29 |
- (c) Proceedings under Section 17(1) of the Housing Act 1957:
- | | |
|--|------|
| 1) Number of houses in respect of which Demolition Orders were made | None |
| 2) Number of dwellinghouses demolished in pursuance of Demolition Orders | 5 |
- (d) Proceedings under Sections 16(4), 17(1), 35(1) Housing Act 1957:
- | | |
|--|------|
| 1) Number of unfit dwellinghouses closed | 2 |
| 2) Number of unfit dwellinghouses closed (voluntary) | 3 |
| 3) Number of unfit dwellinghouses subsequently made fit and the Closing Order determined | None |
- (e) Proceedings under Section 43(1) of the Housing Act 1957:
- | | |
|--|---|
| Houses demolished under Clearance Orders | 4 |
|--|---|

HOUSES IN MULTIPLE OCCUPATION

As foreshadowed in the 1971 Annual Report a recommendation was made to, and adopted by, Council to inaugurate a registration and regulatory scheme in respect of Houses in Multiple Occupation. Subsequently, the Loughborough (Registration of Houses in Multiple Occupation) Informatory and Regulatory Scheme 1972 came into operation on 1st August 1972 and now seems to be gaining some momentum.

So far some 36 houses have been submitted for registration and all have been inspected by this department together with the Fire Precautions Officer of the County Fire Service. Some difficulty has been encountered with regard to the provision of means of escape in case of fire on grounds of cost and time involved in installation.

Whilst initially some delays were experienced in securing the report from the Fire Service due to their own re-organisation to meet the requirements of the Fire Prevention Act and Regulations, this has been resolved and arrangements are now working smoothly. I would like to acknowledge the close co-operation I have received from the Fire Precautions Officers in this respect.

It is hoped that 1973 will see the scheme operating fully.

HOUSING ACT 1969 - HOUSING FINANCE ACT 1972

Discretionary Improvement Grants

Percentage grant of approved cost towards reconditioning and improvements under the Act	50% (up to £1000 max.)
Number of applications for grants received during the year from:	
(a) owner/occupiers	82
(b) owners of rented property	26
Number of applications approved	107
Number of applications refused	1
Number of houses improved during the year	107

HOUSING ACT 1969 - HOUSING FINANCE ACT 1972 (continued)

Standard Grants

Number of applications received for standard grants during the year from	
(a) owner/occupiers	65
(b) owners of rented property	30
Number of applications approved	95
Number of applications refused	None
Number of properties improved during the year	95

During the year there has been a steady flow of enquiries and a sharp increase in the number of improvement grants approved. It was found necessary to give the Housing Improvements Officer more assistance and a Public Health Inspector (Housing) and one additional Technical Assistant were appointed.

Qualification Certificates

Although there was a marked drop in fresh applications over the previous year i.e. 52 as against 234, re-visit to premises under notice again took a great deal of staff time. In total, over 400 applications for qualification certificates have been received.

General Improvement Area

Progress in the Toothill Road General Improvement Area has been somewhat stifled, this being largely due to resident involvement through their committee, and hence a slow feedback of information in formulating a final plan. However, public participation must be regarded as a healthy sign where residents are willing to take an active interest in their own area of the town.

A show house was open in the area for a period of four weeks in the summer and this stimulated interest in individual house improvement. Although there has been a delay in carrying out street improvements, the number of improvement grants in the area increased.

HOUSING ACT 1969 - HOUSING FINANCE ACT 1972 (continued)

Individual Improvement Grants

All enquiries continue to be dealt with promptly and approvals are now running at five times those in 1969 when the Housing Act became operative. The majority of these are owner/occupied and there still seems a dearth of applications from private landlords despite the possibility of fair rents being assessed. If voluntary action and persuasion cannot bring about improvement, then the Corporation may have to resort to compulsory improvement and repair within their present powers.

The proposals of the Draft Town Plan have tended to make housing work more onerous when dealing with enquiries in certain areas of the town, but generally the public have appreciated and welcomed the advice given by the Inspectors.

RODENT CONTROL

Prevention of Damage by Pests Act 1949

(a) Administration

The district continues to be systematically surveyed and disinfection is carried out by the techniques advocated by the Ministry of Agriculture, Fisheries & Food. The Public Health Inspectors have given assistance in a supervisory capacity, more particularly where structural and drainage defects were associated with rodent infestation.

(b) Surface Infestations

122 Block Surveys were carried out involving 611 properties and necessitating 1256 visits by your Technical Assistant and Inspectorate. The following table shows the action taken to deal with surface infestations and also the type of premises treated:

Number of premises treated	288
Number of poison baits laid	1746
Number of poison baits taken	1068
Estimated number killed - RATS	1846
MICE	1266

(c) Premises Treated

Private dwellinghouses	195
Kitchens, canteens, restaurants, etc.	8
Factories and business premises	44
Schools and Colleges	30
Corporation properties	7
Farms	4

(d) Sewer Treatments

In June the 44th maintenance treatment of the public sewers was carried out by Peter Waring Ltd. Test baiting was undertaken in 100 manholes representing 10% of the total number of manholes in the Borough system. Following further inspection poison baiting was carried out as in previous years. A total of 32 manholes found to be infested received treatment. A total of 117 rats were destroyed.

FACTORIES

There are 173 premises on the Register and during the year 35 inspections were made in accordance with the provisions of the Factories Act 1961.

Particulars required by the Ministry of Labour are set out in the following tables:

1. Inspections for the purposes of provisions as to Health including inspections made by Public Health Inspectors

Premises	No. of Inspec- tions	Notices	Occupiers prosecuted
Factories with mechanical power	29	3	0
Factories without mechanical power	1	0	0
Other premises under the Act (including works of building and engineering construction but not including outworkers premises)	5	0	0

2. Outwork

Nature of Work	Outwrkrs in August list	Defaults in send- ing list	Instances of work in unwholesome premises	Notices served	Prose- cutions
Making wearing apparel	97	0	0	0	0

VISITS AND INSPECTIONS

General

Houses - Public Health and Housing Acts	907
Surveys	2
Complaints investigated	469
Houses in Multiple Occupation	163
Overcrowding	16
Caravan Sites	41
Drainage Inspections and Tests	474
Rats and Mice Infestations	59
Factories with Power	29
Factories without Power	1
Other Premises under the Act	5
Offices, Shops & Railway Premises	29
Schools	14
Smoke Observations and Boiler Plant Inspections	98
Revisits to Property under Notice	840
Noise Abatement	140
Miscellaneous	352
	<u>3639</u>

Food Hygiene Regulations

Slaughterhouse	467
Butchers' Shops	43
Food Retailers	177
Hotels and Boarding Houses	7
Public Houses serving Food	26
Public Houses	21
Licensed and Registered Members' Clubs	7
Restaurants, Cafes, Snack Bars, etc.	131
Schools Kitchens (Local Authority and private)	8
Commercial and Industrial Canteens	22
Food Factories	9
Wholesale Warehouses	13
Market Stalls	40
Mobile Shops	25
Fishmongers and Poulterers	7
Greengrocers and Fruiterers	18
Grocers	58
Dairies	10
Bakehouses	9
Fried Fish Shops	15
Mixed Food Premises	2
Food Sampling	5
	<u>1120</u>

TOTAL INSPECTIONS = 4,759

NOTICES SERVED AND COMPLETED

	<u>Outstanding</u> <u>1.1.72</u>	<u>Served</u> <u>1972</u>	<u>Completed</u> <u>1972</u>	<u>Outstanding</u> <u>31.12.72</u>
<u>Public Health Acts</u>				
Informal	7	89	77	19
Formal	-	53	47	6
<u>Housing Acts</u>				
Informal	40	8	46	2
Formal	1	3	4	-
<u>Factories Acts</u>				
Informal	-	3	3	-
<u>Food Hygiene Regulations</u>				
Informal	13	48	49	12
<u>Noise Abatement Act</u>				
Formal	-	1	1	-
<u>Clean Air Act</u>				
Informal	-	1	-	1
<u>Landlord & Tenant Act</u>				
Informal	-	2	2	-
<u>Prevention of Damage by</u> <u>Pests Act</u>				
Formal	-	1	1	-

NUISANCES ABATED AND DEFECTS REMEDIED

Houses

Chimneys and stacks repaired	7
Ceiling plaster repaired	9
Dampness abated	29
Dampproof course provided or renewed	3
Doors repaired or renewed	10
Eaves gutters repaired or renewed	26
Fireplaces repaired or renewed	1
Floors repaired or renewed	8
Roofs repaired or renewed	30
Rooms cleansed or redecorated	1
Rainwater pipes repaired or renewed	17

NUISANCES ABATED AND DEFECTS REMEDIED (continued)

Houses (continued)

Sinks provided, repaired or renewed	6
Sash cords provided or repaired	21
External walls repointed	15
Wall plaster repaired	24
Windows repaired or renewed	13
Water supplies provided	2
Yards and passages paved or repaired	1
Fire stopping doors provided	2
Bathroom repairs	1

Drainage

Drains cleared of obstructions	95
Drains repaired or reconstructed	20
Inspection chamber provided or repaired	4
W.C.'s repaired	34
Waste pipes, etc., repaired or renewed	18

Factories and Workshops

Smoke nuisance	4
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Miscellaneous

Offensive accumulations removed	13
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A considerable amount of works of repair to private residences is being carried out in connection with Improvement Grant work which is not included in the above figures.

CAUSES OF DEATH 1972

<u>Classification</u>		<u>No. of Deaths</u>
B4	Enteritis and Other Diarrhoeal Diseases	1
B19(2)	Malignant Neoplasm, Oesophagus	4
B19(3)	Stomach	9
B19(4)	Intestine	13
B19(6)	Lung, Bronchus	25
B19(7)	Breast	15
B19(8)	Uterus	1
B19(9)	Prostate	2
B19(10)	Leukaemia	2
B19(11)	Other Malignant Neoplasms	19
B20	Benign and Unspecified Neoplasms	2
B21	Diabetes Mellitus	5
B46(1)	Other Endocrine, etc. Diseases	2
B46(3)	Mental Disorders	1
B46(4)	Multiple Sclerosis	1
B26	Chronic Rheumatic Heart Disease	6
B27	Hypertensive Disease	13
B28	Ischaemic Heart Disease	121
B29	Other Forms of Heart Disease	32
B30	Cerebrovascular Disease	87
B46(6)	Other Diseases of Circulatory System	22
B31	Influenza	5
B32	Pneumonia	28
B33(1)	Bronchitis and Emphysema	17
B33(2)	Asthma	2
B46(7)	Other Diseases of Respiratory System	2
B34	Peptic Ulcer	2
B35	Appendicitis	1
B36	Intestinal Obstruction and Hernia	1
B37	Cirrhosis of Liver	2
B46(8)	Other Diseases of Digestive System	3
B38	Nephritis and Nephrosis	2
B39	Hyperplasia of Prostate	1
B46(9)	Other Diseases, Genito-Urinary System	9
B46(10)	Diseases of Skin, Subcutaneous Tissue	1
B46(11)	Diseases of Musculo-Skeletal System	3
B42	Congenital Anomalies	7
B43	Birth Injury, Difficult Labour, etc.	5
B44	Other Causes of Perinatal Mortality	3
BE47	Motor Vehicle Accidents	3
BE48	All Other Accidents	7
BE49	Suicide and Self-Inflicted Injuries	3

490

TUBERCULOSIS

NEW CASES AND MORTALITY - 1972

	New Cases				Mortality			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	Male	Female	Male	Female	Male	Female	Male	Female
Under 1 yr.								
1 year								
2 - 4 years								
5 - 9 years								
10-14 years				1				
15-19 years								
20-24 years		1						
25-34 years		1	1					
35-44 years		3						
45-54 years		1						
55-64 years								
65-74 years					1			
Over 75		1			1			
TOTAL		7	1	1	2			

NOTIFIABLE DISEASES - 1972

Analysis of Notified Cases and Deaths according to Age Groups

		0-	1-	2-	3-	4-	5 - 9	10 - 14	15 - 24	25 - 44	45 - 64	Over 65	Totals
Diphtheria	Cases												1
	Deaths												1
Scarlet Fever	Cases			1			1		1				3
	Deaths												1
Meningitis	Cases										1		1
	Deaths												1
Malaria	Cases												1
	Deaths												1
Infective Hepatitis	Cases					1	2		3	2	1		9
	Deaths												1
Whooping Cough	Cases		1				2						3
	Deaths												1
Measles	Cases	2	3	2	2	-	3						12
	Deaths												1
Food Poisoning	Cases												1
	Deaths												1
Polio- myelitis and Encephalitis	Para-lytic												1
	Non Para-lytic												1
Acute Encephalitis Post infectious	Cases												1
	Deaths												1
Ophthalmia Neonatorum	Cases												1
	Deaths												1

